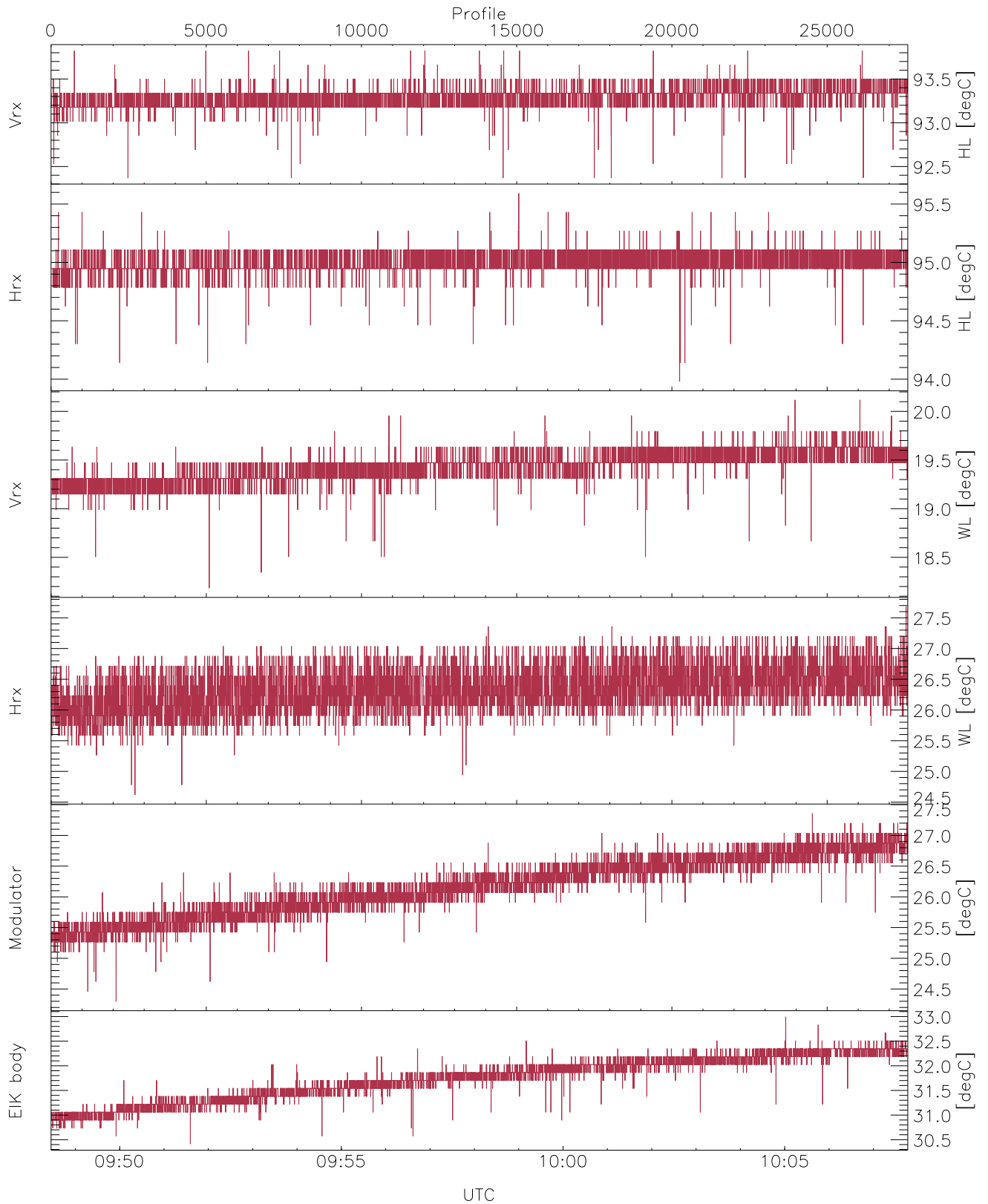


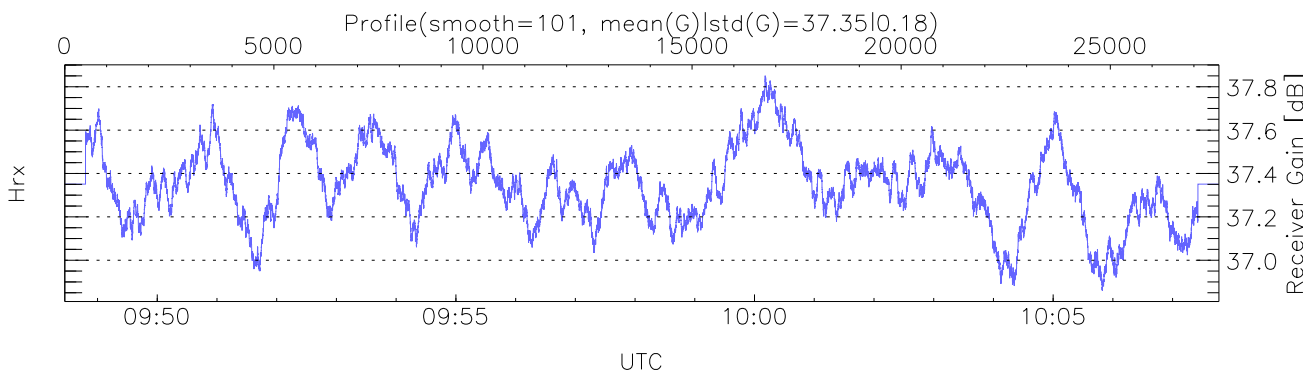
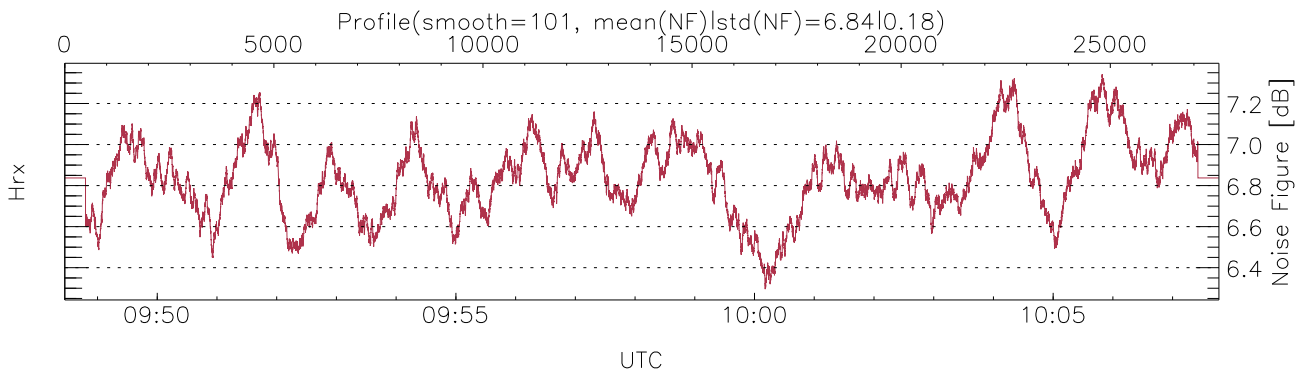
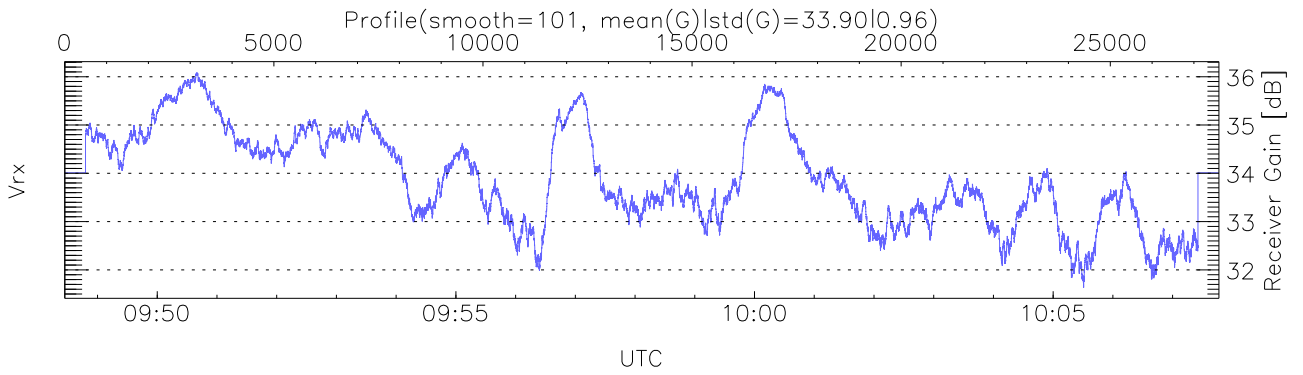
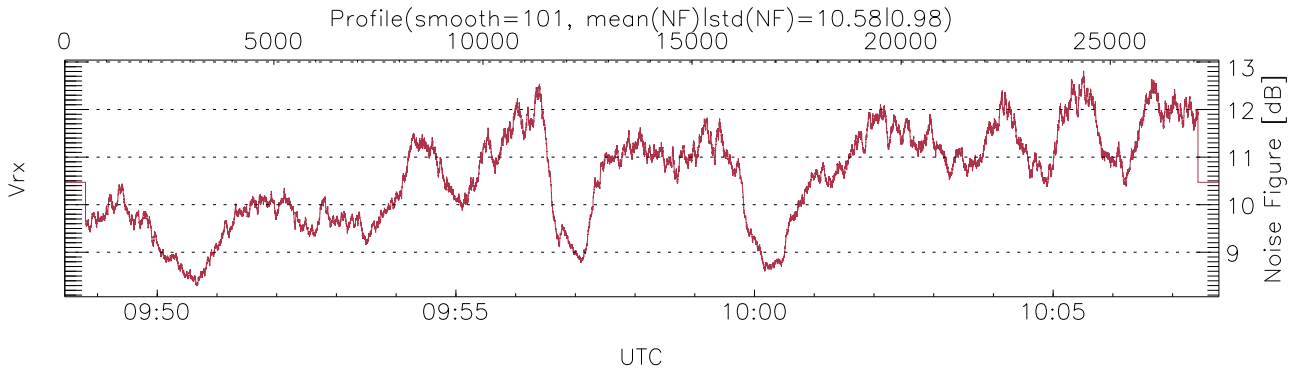
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 09:48:27-10:17:35, Dur: 1747.72s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 27600/41603, 0-27599/09:48:27-10:07:47  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



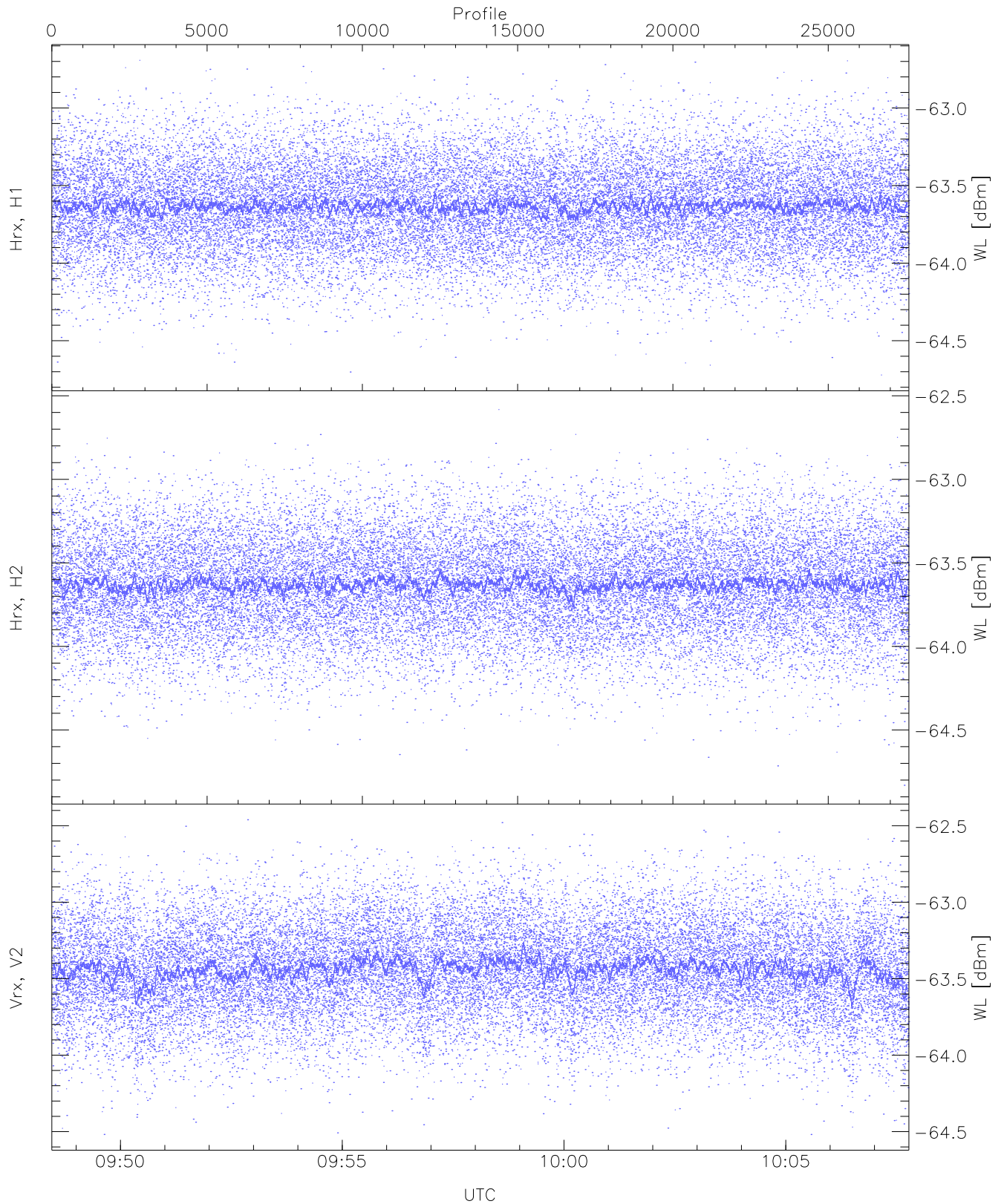
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,24,24,30  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,27,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



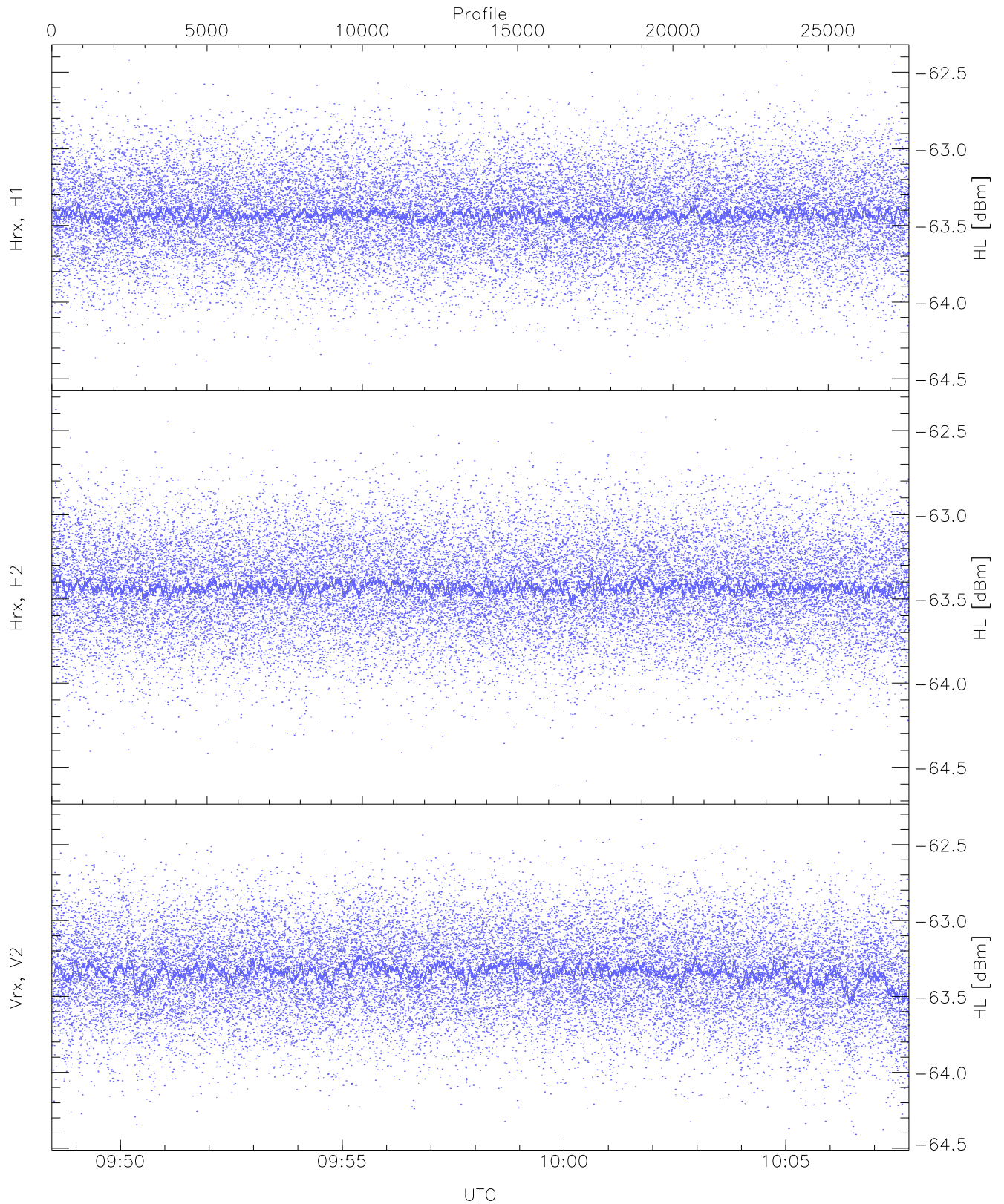
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 40955 pixs, 8 gates, 25977 profs, 1 prods



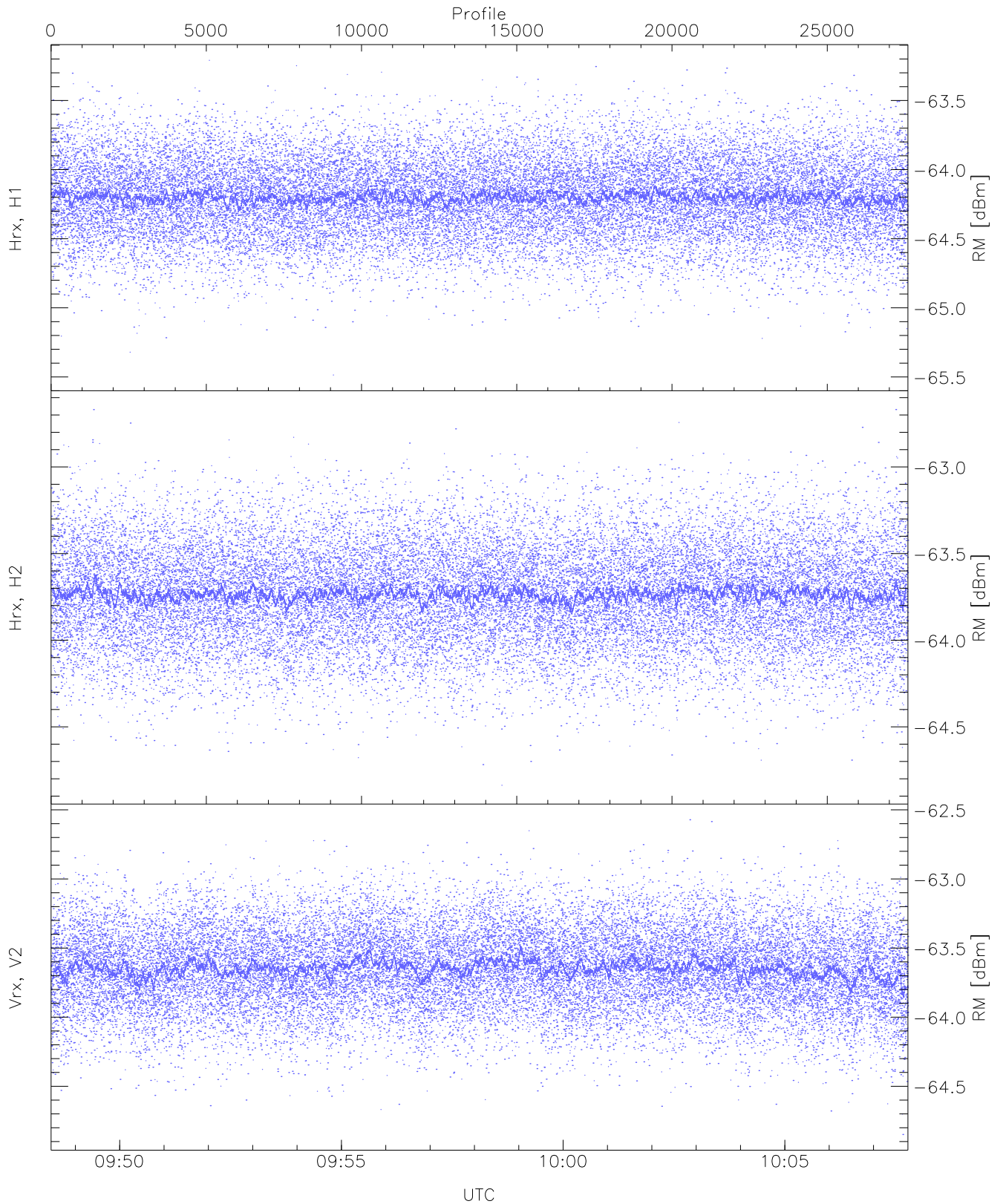
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.72	-62.69	-63.63	-63.63	-75.78
Hrx, H2 (WL [dBm])	-64.83	-62.58	-63.63	-63.63	-75.81
Vrx, V2 (WL [dBm])	-64.52	-62.46	-63.44	-63.44	-75.40



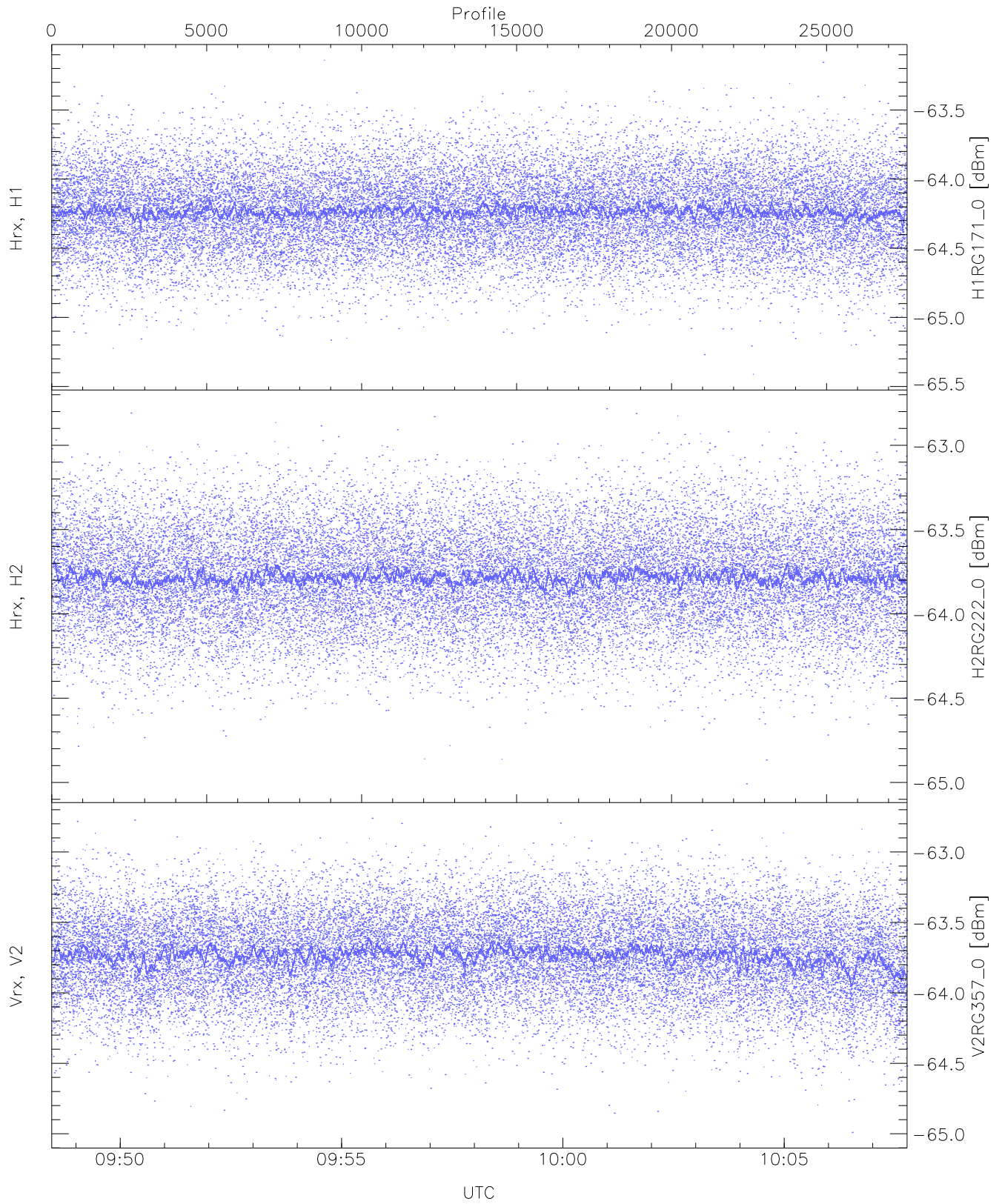
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.48	-62.42	-63.43	-63.43	-75.59
Hrx, H2 (HL [dBm])	-64.61	-62.37	-63.43	-63.43	-75.58
Vrx, V2 (HL [dBm])	-64.41	-62.34	-63.34	-63.34	-75.38



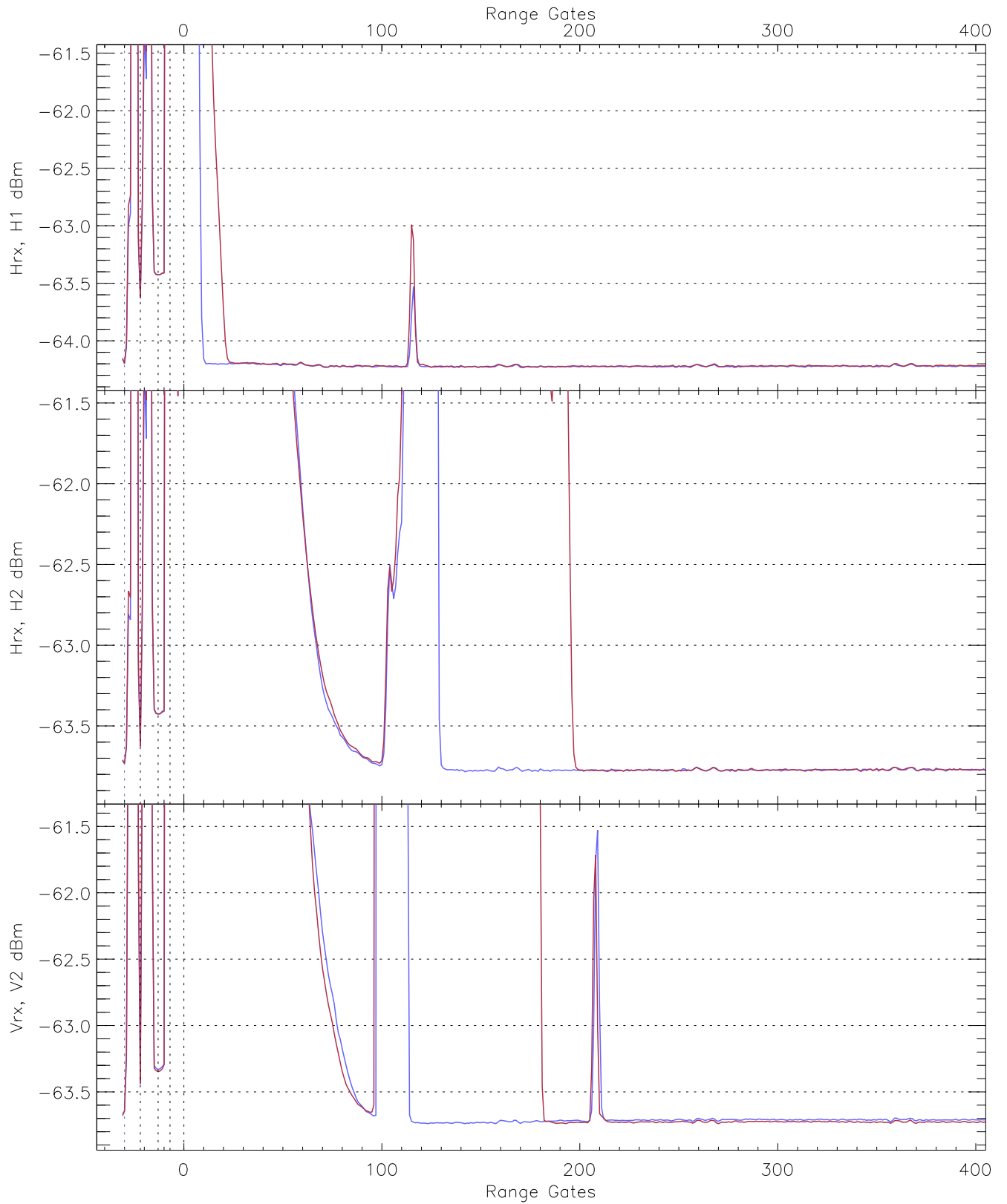
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.49	-63.21	-64.20	-64.20	-76.34
Hrx, H2 (RM [dBm])	-64.84	-62.67	-63.73	-63.74	-75.88
Vrx, V2 (RM [dBm])	-64.85	-62.57	-63.64	-63.65	-75.69



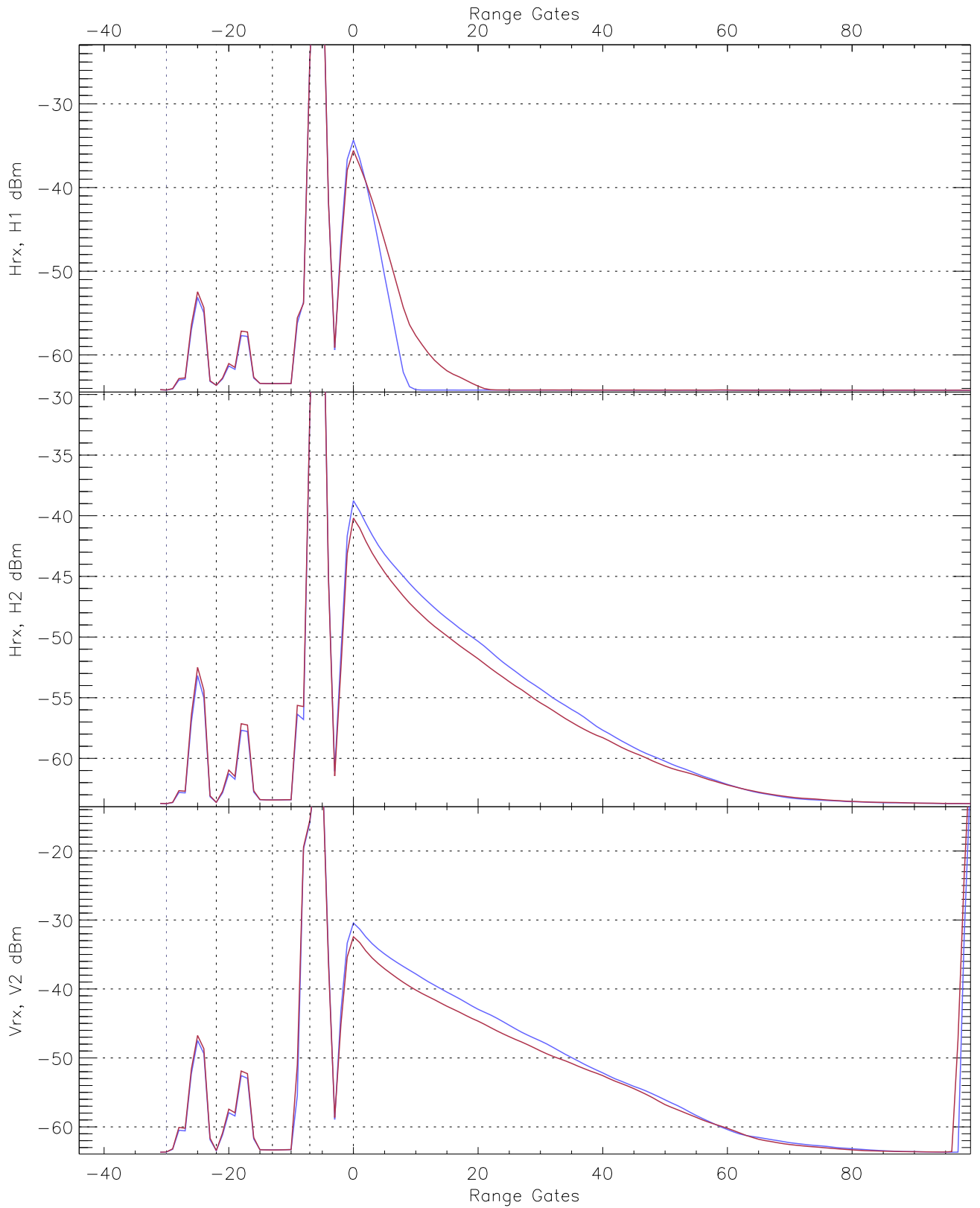
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG171_0 [dBm]	-65.41	-63.14	-64.23	-64.24	-76.35
H2RG222_0 [dBm]	-65.01	-62.78	-63.78	-63.78	-75.92
V2RG357_0 [dBm]	-64.99	-62.76	-63.73	-63.73	-75.75

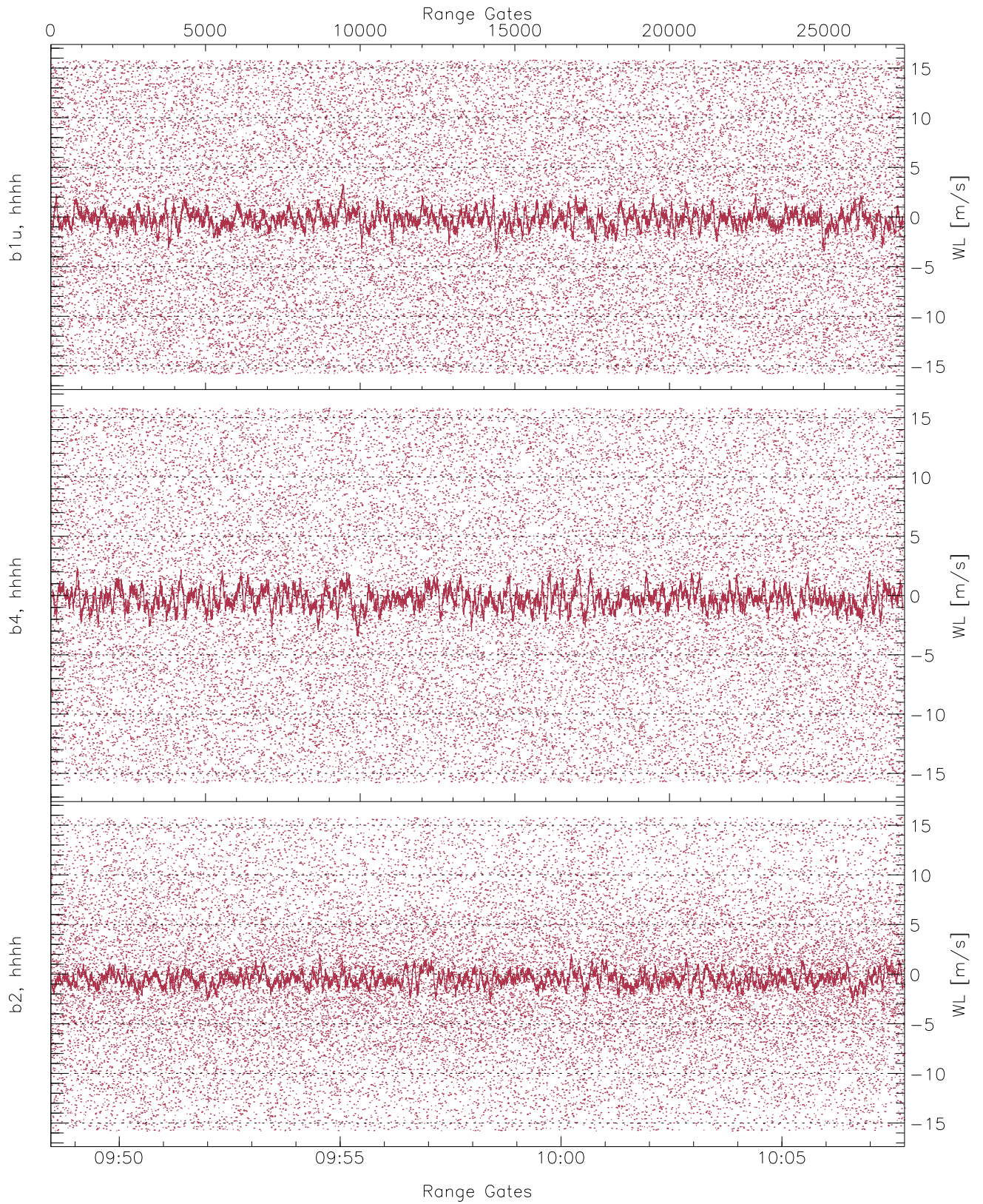


WCR2 CPP Averaged Received power for all recorded gates  
blue: 094827-095807, 13801 profiles averaged  
red: 095807-100747, 13800 profiles averaged

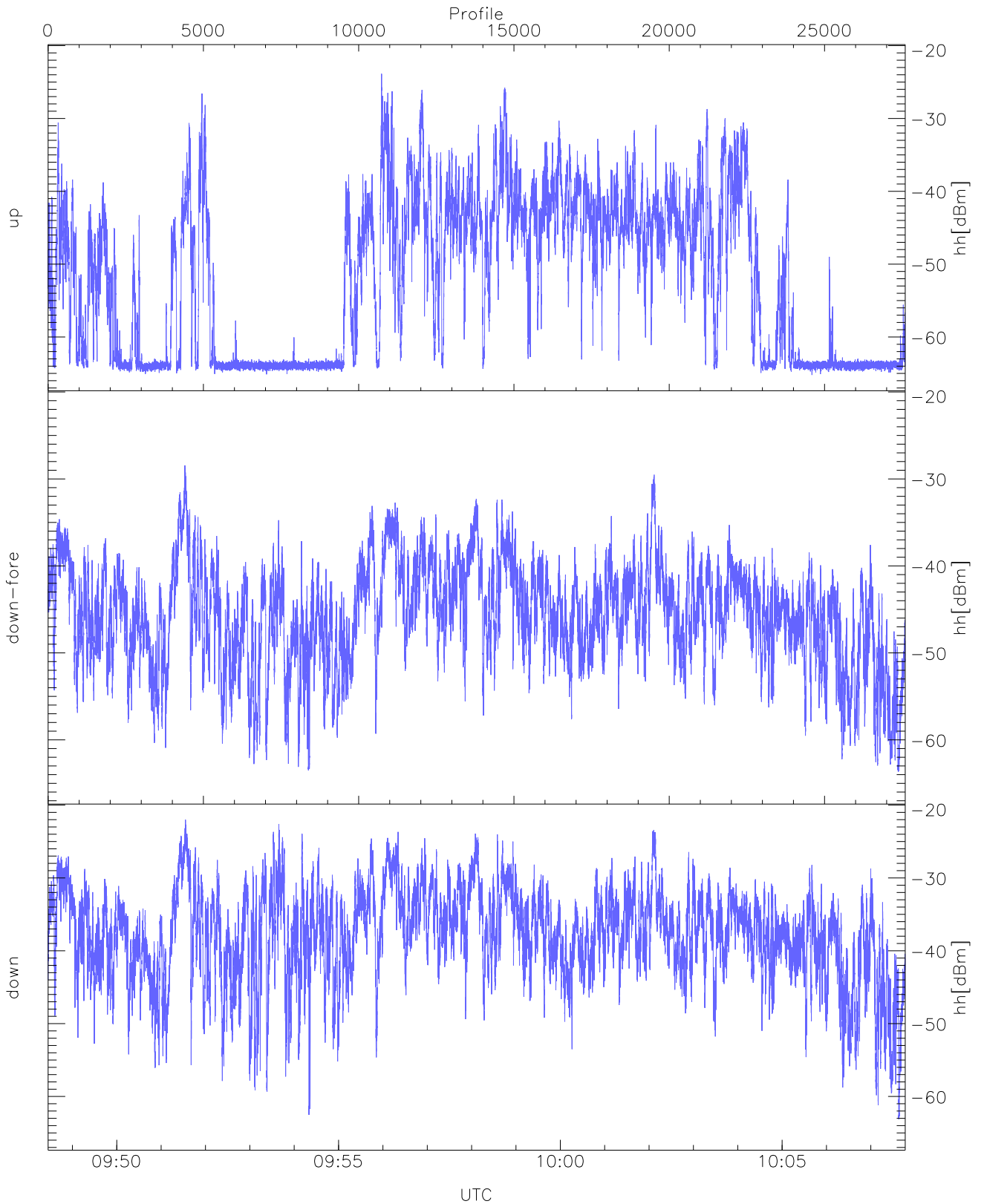




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 094827-095807, 13801 profiles averaged  
red: 095807-100747, 13800 profiles averaged

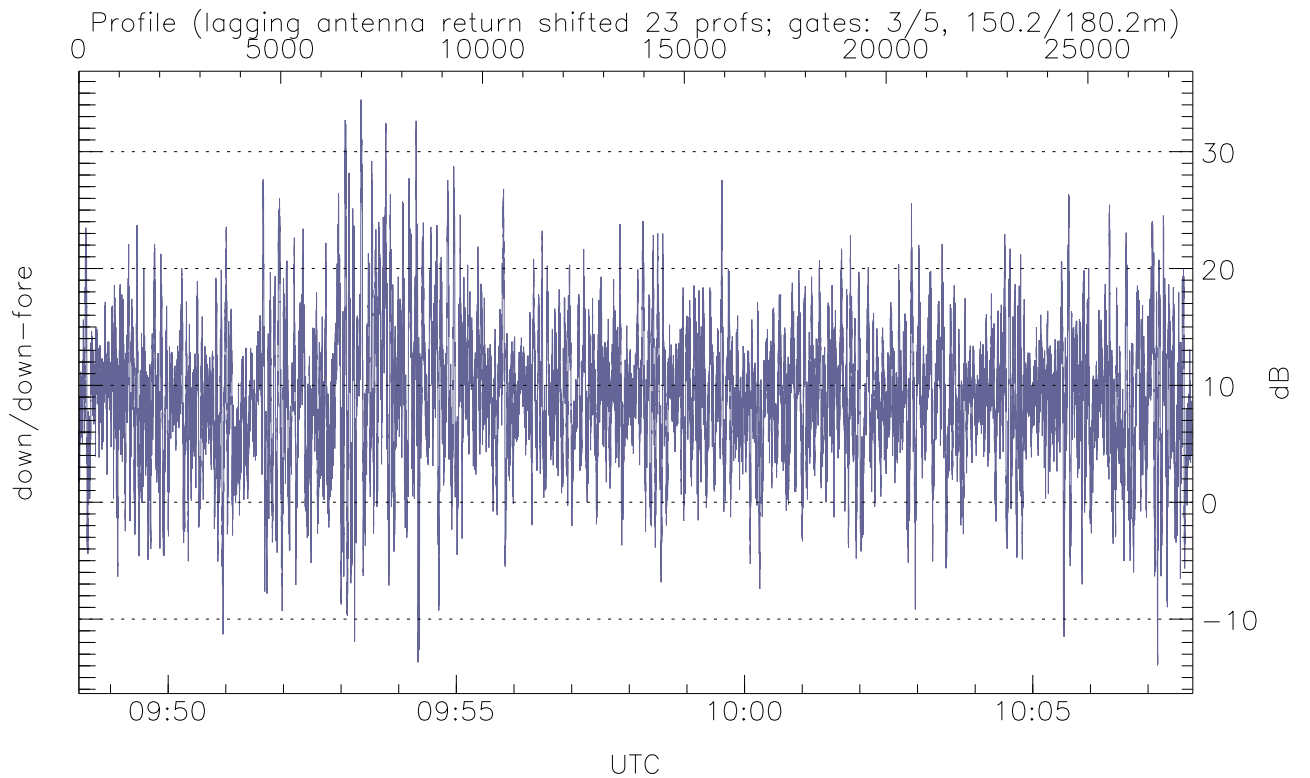
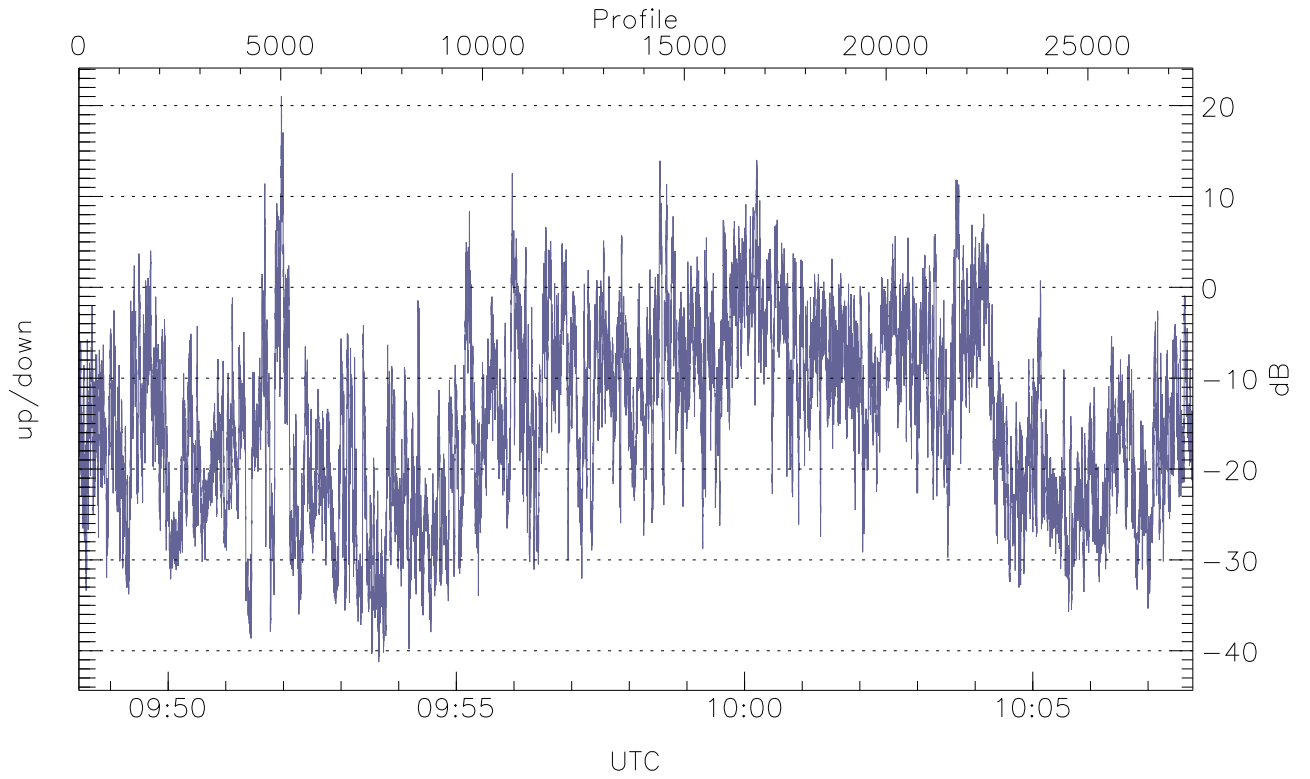


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



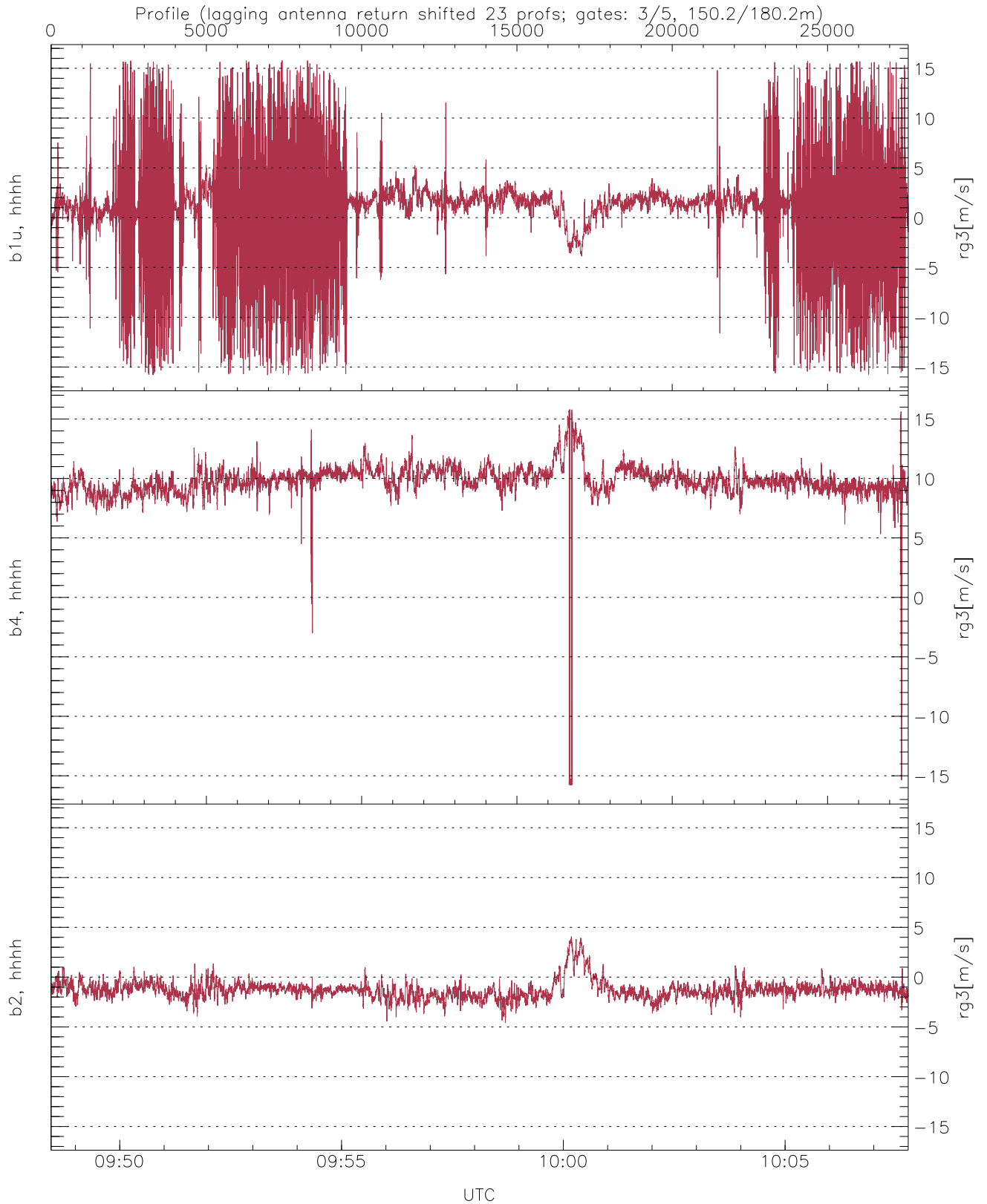
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.22	-23.87	-42.09
down-fore(hh[dBm])	-63.69	-28.43	-42.27
down(hh[dBm])	-63.15	-22.02	-34.34



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-41.25	21.03	-14.36
down/down-fore (dB)	-13.95	34.46	9.06



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.78	0.77	3.50
b4, hhhh(rg3[m/s])	-15.80	15.80	9.78	1.71
b2, hhhh(rg3[m/s])	-4.57	4.08	-1.29	0.92